



## Leisure Centre Realizes Gas Savings Of 27%

With increasing pressure on organisations to comply with environmental legislation and reduce green house gas emissions, a leading leisure centre who boast one of the largest sports halls in London worked with Autoflame for their energy saving project in their boiler room.

The key focus was to provide a reliable system which would improve combustion performance and reduce fuel use. Since completion impressive gas savings of 27% have been delivered.

The Autoflame system ensures precision and repeatable combustion performance, keeping fuel use to a minimum. Another useful feature is that the Autoflame controls can effectively sequence the boilers, ensuring the correct number of boilers are running to meet the buildings demand at any one time.

The first stage of the energy saving process was to assess the potential for reductions, Autoflame conducted a complimentary survey at the centre - carrying out emissions testing of the boilers to examine the combustion efficiency. Recommendations were then made for the best ways to reduce fuel use and improve energy efficiency. A swift installation was required to avoid disruption to the facilities, and it was important to ensure that the centre could remain operational throughout the upgrade.

The existing burners were upgraded with Limpsfield Pod Burners which are designed with an integrated Autoflame Mini Mk7 Combustion Management System in the burner 'pod' rather than in a separate control panel.

### Existing Equipment:

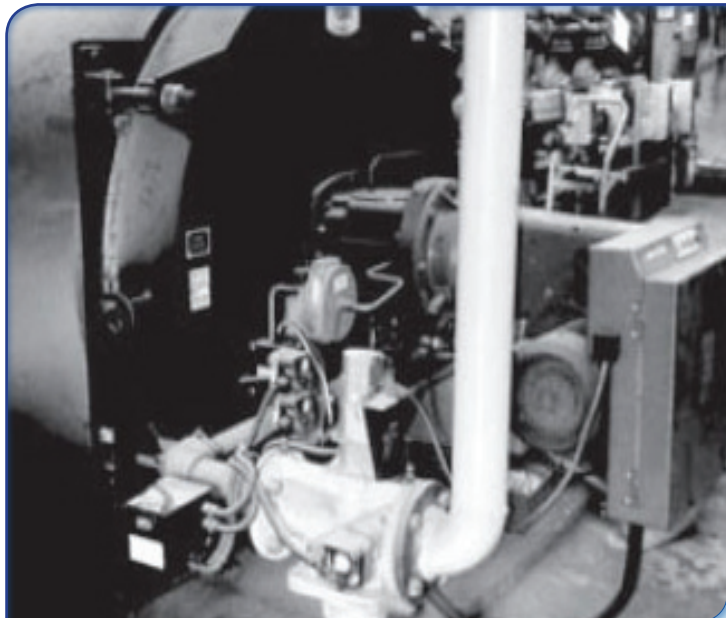
Dated Hamworthy Burner

### Solution:

Limpsfield pod burners  
and Autoflame Mini Mk7  
Combustion Management  
System

### Benefits:

- Energy and cost savings
- Reduced operating costs
- Reduced emissions
- Improved productivity
- Increased combustion efficiency
- Gas Savings of 27%



**Before**



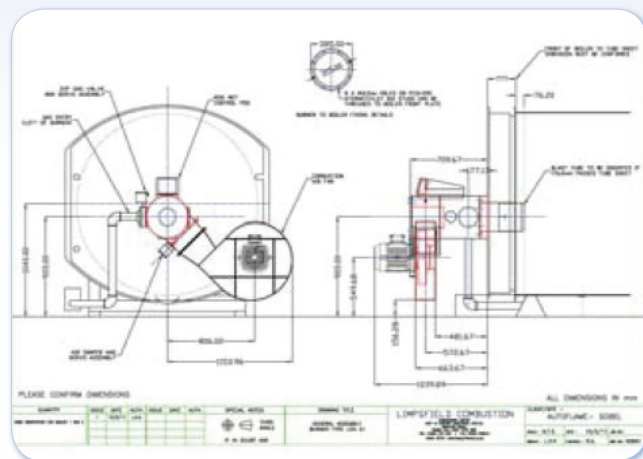
**After**

This compact design is practical, cost effective and easy to install. The staff on site have also been fully trained with the operational aspects of the new system and completed a two day training course at Autoflame Head Quarters in Biggin Hill.

These training courses are offered to enhance the understanding of the product and to ensure it is used to its maximum potential. The project was a success and the client are delighted with the 27% savings delivered.



*Autoflame operates worldwide with 60+ technology centres performing installation and support. Founded in 1972, Autoflame is a British manufacturer based near London. It ensures industry-leading quality control and innovation by performing in-house R&D, engineering, software development, manufacturing production, and technical support.*



*Project Drawings*

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Contact us to receive a complimentary fuel savings and emission reduction report.